## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Jordi Moncada-Elias et al. CONFIRMATION NO.: 4317

SERIAL NO.: 10/632,591

FILING DATE: August 1, 2003

TITLE: SYSTEM AND METHOD FOR DETECTING AND

ISOLATING A REMOTE LOOP

EXAMINER: Lee, Chi Ho A.

ART UNIT: 2616

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

In compliance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicant hereby submits this Information Disclosure Statement (IDS) including a Form PTO-1449 containing a list of references which may be material to the examination of the above-referenced application. This submission is not to be construed as a representation that a prior art search has been conducted, that additional information material to the examination of this application does not exist, or that any one or more of the listed references constitutes prior art.

The Examiner is urged to carefully consider this Information Disclosure Statement and all the listed references, and to indicate same by initialing the appropriate portion(s) of the Form PTO-1449 and forwarding an initialed copy to applicant.

Pursuant to 37 C.F.R. § 1.98(2) legible copies of prior art references other than U.S. Patents and U.S. Patent Application Publications are attached.

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This statement is filed pursuant to (CHECK ONE BOX): 37 C.F.R. § 1.97(b). This information disclosure statement is filed either: (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; (3) before the mailing date of a first office action on the merits; or (4) before the mailing of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114, whichever event occurs last. Accordingly, this information disclosure statement requires no fee and no certification. M 37 C.F.R. § 1.97(c). This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(b), but **before** the mailing date of any of the following: (1) a final action under 37 C.F.R. § 1.113; (2) a notice of allowance under 37 C.F.R. § 1.311; or (3) an action that otherwise closes prosecution in the application. Accordingly, this information disclosure statement requires either: (1) the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c); or (2) a certification according to 37 C.F.R. § 1.97 (e)(1) or (2).

37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires:

- (1) a certification in accordance with 37 C.F.R. § 1.97(e); and
- (2) the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. §1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

II		
Fees Due (CH	HECK ONE BOX):	
	No fee is due.	
	The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) or 37 C.F.R. § 1.97(d) is enclosed (\$180).	
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Certification (	(CHECK ONE BOX):	
$\boxtimes$	No certification is necessary,	
	Pursuant to 37 C.F.R. § 1.97(e)(1), the undersigned hereby certifies:  That each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.	
	Pursuant to 37 C.F.R. § 1.97(e)(2), the undersigned hereby certifies:  No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this information disclosure statement.	
		IV
Please	e charge any additional required for	ee or credit any overpayment to our deposit
account numb	per 50-1698.	
		espectfully submitted, HELEN REID BROWN RAYSMAN& STEINER LLP
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